

Listing of Claims

1-6. (Canceled)

7. (Currently amended): A method for preparing a crude extract containing one or more acetogenin compound, the crude extract being suitable for administration to a human subject, the method comprising the steps of:

(a) obtaining one or more plant parts containing one or more acetogenin compound and being of a genus selected from the group consisting of *Asimona*, *Asimina*, *Annona*, *Goniiothalamus*, *Uvaria*, *Disepalum*, *Xylopia*, and *Rollina*;

(b) drying the one or more to form a mass;

(c) placing the mass in a sieve to form a sieved product;

(d) pulverizing the sieved product to form a pulverized product;

(e) performing at least one water extraction on the pulverized product;

(f) performing at least one ethanol extraction on the pulverized product to provide an ethanolic extract;

(g) concentrating the ethanolic extract to form a syrup;

(h) allowing the syrup to settle into a crude extract layer and a water layer;

(i) removing the water layer from the crude extract layer to form the crude extract containing one or more acetogenin compound;

(j) standardizing the crude extract for zero percent moisture and an LC₅₀ of 0.5 ppm in a BST; and

(k) spray drying the crude extract onto an inert carrier to facilitate encapsulation or tableting.

8. (Canceled)

9. (Currently amended): A method for preparing a crude extract containing one or more acetogenin compound, the crude extract being suitable for administration to a

human subject, the method comprising the steps of:

(a) obtaining one or more plant parts containing one or more acetogenin compound and being of a genus selected from the group consisting of *Asimona* *Asimina*, *Annona*, *Goniothalamus*, *Uvaria*, *Disepalum*, *Xylopia*, and *Rollinia*;

(b) drying the one or more plant parts to form a mass;

(c) placing the mass in a sieve to form a sieved product;

(d) pulverizing the sieved product to form a pulverized product;

(e) performing at least one water extraction on the pulverized product;

(f) performing at least one ethanol extraction on the pulverized product to provide an ethanolic extract;

(g) concentrating the ethanolic extract to form a syrup;

(h) allowing the syrup to settle into a crude extract layer and a water layer;

(i) removing the water layer from the crude extract layer to form a the crude extract containing one or more acetogenin compound; and

(j) standardizing the crude extract for a range of 10-40% moisture, and an LC₅₀ value in a range of 0.2-0.8 ppm in a BST.

10-14. (Canceled)

15. (Currently amended) A method for preparing a crude extract containing one or more acetogenin compound, the method comprising:

(a) obtaining one or more plant parts containing one or more acetogenin compound, the one or more plant parts being of a genus chosen from *Asimona* *Asimina*, *Annona*, *Goniothalamus*, *Uvaria*, *Disepalum*, *Xylopia*, and *Rollinia*;

(b) drying the one or more plant parts to form a mass;

(c) performing at least one water extraction on the mass;

(d) performing at least one alcohol extraction on the mass to provide an alcohol extract;

- (e) concentrating the alcohol extract; and
- (f) removing water from the alcohol extract to form a the crude extract containing one or more acetogenin compound; and
- (g) standardizing the crude extract for zero percent moisture and an LC_{50} of 0.5 ppm in a BST.

16. (Previously presented): The method of claim 15, further comprising:
pulverizing the one or more plant parts before performing the at least one water and at least one alcohol extraction.

17. (Previously presented): The method of claim 15, further comprising:
allowing the concentrated alcohol extract to settle into a crude extract layer and a water layer before removing water from the alcohol extract.

18. (Previously presented): The method of claim 15, further comprising:
spray drying the crude extract onto an inert carrier to facilitate encapsulation or tableting.

19. (Previously Presented): The method of claim 15, wherein the alcohol extraction is an ethanol extraction.

20. (Previously presented): A method for preparing a crude extract containing one or more acetogenin compound, the method comprising:

- (a) obtaining one or more plant parts containing one or more acetogenin compound, the one or more plant parts being of a genus chosen from *Asimena*, *Asimina*, *Annona*, *Goniothalamus*, *Uvaria*, *Disepalum*, *Xylophia*, and *Rollinia*;
- (b) drying the one or more plant parts to form a mass;
- (c) performing at least one water extraction on the mass;

(d) performing at least one alcohol extraction on the mass to provide an alcohol extract;

(e) concentrating the alcohol extract; and

(f) removing water from the alcohol extract to form the crude extract containing one or more acetogenin compound; and

(g) standardizing the crude extract for a range on 10-40% moisture, and an LC₅₀ value in a range of 0.2-0.8 ppm in a BST.

21. (Previously presented): The method of claim 20, further comprising:
pulverizing the one or more plant parts before performing the at least one water and at least one alcohol extraction.

22. (Previously presented): The method of claim 20, further comprising:
allowing the concentrated alcohol extract to settle into a crude extract layer and a water layer before removing water from the alcohol extract.

23. (Previously presented): The method of claim 20, further comprising:
spray drying the crude extract onto an inert carrier to facilitate encapsulation or tableting.

24. (Previously presented): The method of claim 20, wherein the alcohol extraction is an ethanol extraction.